

TIMBER SALE APPRAISAL APPENDIX (TE) 04-2420-3

1. Sale Name: Gold Crown
 District: Sandpoint RD
 Appraisal Point: Laclede, ID

Sale No. 016 TIM # 21196
 Compartment: 654
 Total Sale Acres: 1,630

2. Species Group	C	DF, L	GF, H, LP, PP, S	Sawlog Total	Nonsawlog Total	Total All Products
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Net Volume	511 CCF 230 MBF	3,614 CCF 1,800 MBF	567 CCF 294 MBF	4,692 CCF 2,324 MBF 14,964 Tons	968 CCF 641 MBF 3,224 Tons	5,660 CCF 2,965 MBF 18,188 Tons
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3. Weighted Averages For Species Grouping

	Net	Gross					Appraisal	WWPA	Esc.	WWPA
Species	Volume	Volume	Percent	Gross	Number	Average	Conv.	Species	Conv.	Index
Group	CCF	CCF	Defect	Logs /ccf	Trees	DBH	Factor	Index	Factor	Name
C	511	527	3	21.8	4,831	9.8	NA	NA	NA	NA
Total (T) Wt. Avg. (A)	T	T	A	A	T	A				

	Net	Gross					Appraisal	WWPA	Esc.	WWPA
Species	Volume	Volume	Percent	Gross	Number	Average	Conv.	Species	Conv.	Index
Group	CCF	CCF	Defect	Logs /ccf	Trees	DBH	Factor	Index	Factor	Name
DF	3,315	3,375	2	19.8	23,454	10.4				
L	299	314	5	28.9	3,330	8.9				
Total (T) Wt. Avg. (A)	T 4	T 3,689	A 2	A 20.5	T 26,784	A 10.2	NA	NA	NA	NA

	Net	Gross					Appraisal	WWPA	Esc.	WWPA
Species	Volume	Volume	Percent	Gross	Number	Average	Conv.	Species	Conv.	Index
Group	CCF	CCF	Defect	Logs /ccf	Trees	DBH	Factor	Index	Factor	Name
GF	437	483	9	12.8	1,805	12.0				
H	78	79	2	17.7	539	9.9				
LP	45	49	8	16.1	216	11.7				
PP	7	8	3	10.9	23	14.4				
Total (T) Wt. Avg. (A)	T 567	T 619	A 8	A 13.7	T 2,583	A 11.5	NA	NA	NA	NA

Combined Species Average DBH: 10"
 Sale Wide Conversion Factor (MBF/CCF): .5239

4. Skidding

a. Tractor:	Acres 278	Volume 2,813 ccf	Distance 640 ft
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b. Skyline:	Acres 200	Volume 1,879 ccf	Distance 460 ft
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c. Swing is secondary: also in tractor portion	Acres 29	Volume 279 ccf	Distance 960 ft
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5. Transportation

Haul Route

Appraised to: Laclede, Idaho

(a) Road Miles – Sale Center to Appraisal Point:

(1) Paved:

Road Number	Termini	Miles
C247	From rd 2642 to the junction with US95.	6.4
US95	From county rd 247 to the junction with US2.	5.5
US2	From US95 to the mill.	13.8
Total		25.7

(2) Unpaved:

Road Number	Termini	Miles
2642D	From the end of the road to the junction with rd 2642.	0.7
2642	From rd 2642D to the junction with C247	4.4
Total		5.1

Total Haul Miles (Paved and Unpaved) = **30.8**

(b) Road Maintenance

(1) Roads to be Maintained:

Road No.	Name	Termini	Surface	Miles
2642E	Contest Mountain E	From end of road to the junction with rd 2642.	Native	.5
2642F	Contest Mountain F	From the temporary road to the junction with rd 2642.	Native	.9
2642D	Contest Mountain D	From end of road to the junction with rd 2642.	Native	.7
2642B	Contest Mountain B	From end of road to the junction with rd 2642.	Native	.7
2642C	Contest Mountain C	From m.p. 0.3 to the junction with rd 2642.	Native	.3
2642G	Contest Mountain G	From m.p. 0.3 to the junction with rd 2642.	Native	.3
2642A	Contest Mountain A	From m.p. 0.2 to the junction with rd 2642.	Native	.2
2642	Contest Mountain	From end of road to the junction with city rd C247.	Native	6.7
Total				10.3

(2) Recurrent Maintenance:

Road Number	Miles	Cost/ccf/mile	%Total Vol.	Cost/CCF	
				Purchaser	Forest Service
2642D	0.7	.11	100	.08	
2642	4.4	.11	100	.48	
Snowplowing			100	1.32	
Total	5.1			1.88	

(3) Surface Replacement:

Road Number	Miles	Cost/CCF/Mile	% Total Vol.	Cost/ CCF
2642D	0.7	.06	100	.04
2642	4.4	.06	100	.26
Total	5.1			0.30

(4) Roadside Vegetative Brushing:

Road Number	Miles	Cost/CCF/Mile	% Total Vol.	Cost/ CCF
2642D	0.7	.06	100	.04
2642	4.4	.06	100	.26
Total	5.1			0.30

(5) Road Maintenance Summary:

	Cost/CCF	Cost/Ton
Recurrent Maintenance (Purchaser)	1.88	
Recurrent Maintenance (FS)		
Surface Replacement (FS)	0.30	
Roadside Vegetative Brushing (FS)	0.30	
Total Deposit	.60	.15
Total Road Maintenance	2.48	

6. Slash Disposal

	Cost/CCF	Cost/Ton
Forest Service	25.56	6.59
Purchaser	21.63	
Total	47.19	

7. Erosion Control

(See Erosion Control Plan in Timber Sale Report) **\$ 1.03 /CCF**

8. Other Environmental Protection Costs

Description	Unit Costs	Total Cost
Noxious Weed Pretreatment.	\$350/mi x 7.5 mi	2,625
Install stockyard gates.	\$500/gate x 4 gates	2,000
Move existing gate to pvt property boundary.	\$200 x 1 gate	200
Road Reconditioning	See below	12,190
Total		17,015
Cost/CCF		3.63 /CCF

8a. Road Reconditioning:

Road Number	Road Work	Costs
2642	See contract C5.312#	4,300
2642A	See contract C5.312#	1,020
2642C	See contract C5.312#	1,420
2642F	See contract C5.312#	5,450
Total		12,190

9. Small Product Adjustment - See attachment

\$ -.98 /CCF

10. Temporary Road Costs

(a) **Construction:** 0.35 miles on two temporary roads. See Engineer's Estimate attached. Cost includes obliteration.

Temp Unit 34 0.15 miles = \$2,710
 Temp Unit 29 0.20 miles = \$3,030
 Total Construction \$5,740

(b) **Reconstruction:** 0 miles

Total Temporary Road Miles = **0.35**
 Total Temporary Road Cost = \$ 5,740
 Cost Estimate per CCF (All Species) = **\$ 1.22 /CCF**

11. Specified Roads - (See Schedule of Items for more detailed information)

Road No.	Miles	Miles	Purchaser Costs	
	Construction	Reconstruction	Construction	Reconstruction
2642B	0.70		24,795.80	
2642D	0.72		25,282.16	
2642E	0.17	0.30	5,102.08	2,558.60
TOTAL	1.59	0.3	55,180.04	2,558.6

Total Purchaser Costs: **\$ 57,738.64**
 Estimated Cost per CCF (All Species): **\$ 12.31/CCF**

12. Base Rates

Adjustments of Base Rates (to protect regeneration costs)	Costs
Min NFF: Sale volume 5,660 ccf x \$0.25/CCF	1,415
Regeneration Costs	233,976
Regeneration Costs plus min NFF	235,391
Total value at minimum rates *	31,196
Amount of increase needed	204,195
Increase per CCF	43.52

* Total Value at Minimum Rates:

Species	Rate/ccf	Volume	Total Value
C	10.00	511	5,110
DF,L	6.00	3,612	21,672
GF,H,LP,PP,S	6.00	561	3,366
PP	10.00	8	80
Nonsawlog	1.00	968	968
Total		5,660	31,196

Species Group	C,WP	DF,L	GF,H,LP,PP,S	Nonsawlog	Total Rate/Ton
Base Rate/CCF	\$53.52/CCF	\$49.52/CCF	\$49.58/CCF	\$1.00/CCF	\$12.94/Ton